

In re Patent Application of:
CLARKE
Serial No. **10/777,936**
Filing Date: **February 12, 2004**

REMARKS

The Examiner is thanked for the thorough examination of the present application. In view of the arguments presented in detail below, it is believed that all claims are patentable.

I. The Claimed Invention

Independent Claim 1 is directed to a communications system, which includes a plurality of data storage devices and mobile wireless communications devices which may use different operating protocols. The system further includes a protocol interface device which includes a protocol engine module for communicating with the data storage devices using respective operating protocols, and a front-end proxy module coupled to the protocol engine module. The front-end proxy module includes a respective proxy module for communicating with the mobile wireless communications device using each respective operating protocol, and one or more common core service modules. The protocol interface device also includes a configuration file module for storing a plurality of different sets of configuration files relating to different allocations of resources of the common core service module(s). The at least one common core service module allocating resources based upon a given service to be performed and a corresponding set of configuration files stored in the configuration file module.

Independent Claim 12 is directed to a protocol interface device related to independent Claim 1. Independent Claim 17 is similar to independent Claim 12 but recites a

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plurality of communications devices rather than a plurality of wireless communications devices. Independent Claim 22 is a method counterpart to independent Claim 1. Independent Claim 27 is directed to a computer-readable medium related to independent Claim 1.

II. The Claims Are Patentable

The Examiner rejected independent Claims 1, 12, 17, 22, and 27 over the combination of Poor et al. and Song et al. Poor et al. discloses an intermediate server or system having knowledge of application program protocols used by the application programs on a user's wireless device. The intermediate server receives information communicated from the device via a transport level protocol. This information is subsequently transmitted by the intermediate server, in accordance with the appropriate application program protocol, to a remote server or system that services the application or program in use by that person. The Examiner correctly recognized that Poor et al. fails to disclose the at least one common core service module allocating resources based upon a given service to be performed and a corresponding set of configuration files stored in the configuration file module as in the claimed invention. In an attempt to provide this critical deficiency to the primary reference, Poor et al., the Examiner looked to Song et al.

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Song et al. discloses a browser session mobility (BSM) system that allows a user of a mobile wireless communications device to save and restore the runtime state of a web browser executed thereby. The BSM system includes a browser state repository (BSR) device module executed by the mobile wireless communications device. At the user's direction, the BSR device module records the runtime state of the web browser being executed by the mobile wireless communications device and sends it to a repository server having a BSR repository module. At the user's command, the BSR device module downloads the runtime state of the web browser and restores those runtime values to the web browser. (See paragraphs 42-51 of Song et al.)

The Examiner attempted to correlate the BSR repository module of Song et al. to the at least common core module of independent Claim 1. As explained above, the BSR repository module merely stores the runtime states of the web browser being executed by the mobile wireless communications device, and does not allocate resources based upon a given service to be performed and a corresponding set of configuration files stored in the configuration file module. In fact, the BSR repository module does not allocate resources at all. It simply acts as a database for the runtime states. Accordingly, Song et al. fails to provide this critical deficiency.

Furthermore, Applicant submits that Poor et al. and Song et al. are not properly combinable. Poor et al. is directed

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to a proxy server that allows a mobile wireless communications device to communicate with different servers without having to support the protocol used by each different server. Song et al. is directed to a BSM system that allows the restoration of the runtime state of a web browser executed by its mobile wireless communications device. One of skill in the art would simply not look to augment the proxy server of Poor et al. by selectively including pieces and features of the BSR repository module of Song et al. Indeed, these references are incompatible and are directed to divergent technical fields. It is submitted that the Examiner has selectively located and combined pieces of disparate references in an attempt to reproduce Applicant's claims without giving any reason as to why these references could or should be combined.

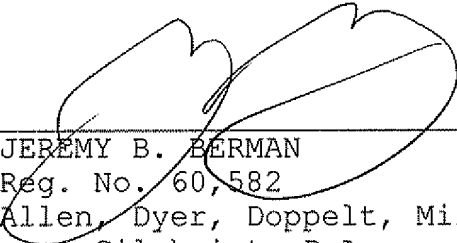
Accordingly, independent Claim 1 is patentable over the combination of Poor et al. and Song et al. Independent Claims 12, 17, 22, and 27 contain similar recitations and are also patentable for the above reasons. Their dependent claims, which recite yet further distinguishing details, are likewise patentable and require no further discussion herein.

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III. CONCLUSION

In view of the arguments provided herein, it is submitted that all the claims are patentable. Accordingly, a Notice of Allowance is requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,



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